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Application Number	10/721,111
Filing Date	November 25, 2003
First Named Inventor	Paul Ritchie
Group Art Unit	3762
Examiner Name	Not Assigned
Attorney Docket Number	END5122USNP

				U.S. PATENT DOCUMENTS			
	U.S. Patent Document		U.S. Patent Document			Date of Publication	Pages, Columns, Lines.
Examiner Initials	Cite No. ¹	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	of Cited Document mm-dd-yyyy	where relevant passages or relevant figures appear	
2		4,564,012	A	Shimada, et al.	01-14-1986	ALL	
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SUBMISSION UNDER MPEP 609 D

Application Number 10/721;111
Filing Date November 25, 2003
First Named Inventor Paul Ritchie
Group Art Unit 3762
Examiner Name Not Assigned
Attorney Docket Number END5122USNP

Page 1 of 1

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Examiner Initials	Cite No.1	Name of Patentee or Applicant of Cited Document	Number	Kind Code ² (if known)	Pages, Columns, Lines, where relevant passages of relevant figures appear	
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	,	OTHER PRIOR ART -					
Examiner 's Initials*	Cite No.'	Include name of the author (In title of the Item (book, magazin volume-issue number	ne, journal, s	erial, symposi	um, catale	og, etc.), date, page(s),	T²
de		EPO Search Report dated Febru Patent Application No. EP 04 25			nding pat	ent application, European	

Examiner Signature	8	Date Considered	Warch 17,2007

AIL DATE 18 2003 ED

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Sheet 1 of 2

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Application Number	•				
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Group Art Unit	Not assigned				
Examiner Name	Not assigned				
Attorney Docket Number	END-5122				

			U.S. PATENT DOCUMENTS						
	Γ	U.S. Patent Document		Date of Bublication	Pages, Columns, Lines,				
Examiner Initials	Cit e No		nd Code ² if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	where relevant passages or relevant figures appear			
on		4,822,997		Fuller et al.	04-18-1989	Alt			
m		5,196,005		Doiron et al	03-23-1993	ALL			
Di		5,267,995		Doiron et al	12-07-1993	ALL			
an	·	5,269,777		Doiron et al.	12-14-1993	ALL			
m		5,303,324		Lundahl	04-12-1994	ALL			
m		5,337,381		Biswas et al.	08-09-1994	ALL			
On		5,363,458		Pan et al.	11-08-1994	ALL			
m		5,383,874		Jackson et al.	01-24-1995	AL			
m		5,400,267		Denen et al.	03-21-1995	ALL			
√		5,487,386		Wakabayashi et al.	01-30-1996	ALL			
a		5,651,780		Jackson et al.	07-29-1997	ALL			
7		5,749,871		Hood et al.	05-12-1998	ALL			
h		5,978,541		Doiron et al.	11-02-1999	ALL			
h		5,991,355		Dahlke	11-23-1999	ALL			
						ALC			

	FOREIGN PATENT DOCUMENTS								
		Foreign Patent Document		Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant			
Examiner Initials	Cit e No	Office ³	Number ⁴ Kind	fCode ⁵	Applicant of Cited Document	mm-dd-yyyy	passages or relevant figures appear	Τ ⁶	
		EP	0 951 921	A3	Ritchio et al.	03-05-2000	ALL		
an		wo	02/35264	A1	Swayze et al.	05-02-2002	eall		

Examiner Signature	Date Considered	March 27 wor

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Group Art Unit	Not assigned				
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Attorney Docket Number	END-5122				

U.S. PATENT DOCUMENTS						
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m		6,237,604	B1	Burnside et al.	05-29-2001	-Att
~		6,361,530	B1	Mersch	03-26-2002	ALL
Dn	2	6,387,092	B1	Burnside et al.	05-14-2002	AUL
3		US 2002/0120262	A1	Bek et al.	08-29-2002	ALL
>		6,464,689	B1	Qin et al.	10-15-2002	ALL
		US 2002/0198519	A1	Qin et al.	12-26-2002	ALL
8		US 2003/0118302	A1	James, IV et al.	06-26-2003	ALL
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	е	Cit e Office ³ Number ⁴ KindCode ⁵	Cit e Office ³ Number ⁴ KindCode ³ Name of Patentee or Applicant of Cited Document	Foreign Patent Document Name of Patentee or Office ³ Number ⁴ KindCode ⁵ Name of Patentee or Applicant of Cited Document mm-dd-yyyy	Foreign Patent Document Name of Patentee or Applicant of Cited Document No The Cite of Publication of Cited Document Manual Pages, Columns, Lines, where relevant passages or relevant figures appear - ALL

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Application Number	
Filing Date	November 25, 2003
First Named Inventor	Paul Ritchie et al.
Group Art Unit	Not assigned
Examiner Name	Not assigned
Attorney Docket Number	END-5122

U.S. PATENT DOCUMENTS							
Examiner Initials	Cit e No	U.S. Patent Document Kind C Number (if known		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	
m		Re. 36,473		Esch et al.	12-28-1999	AL	
dom		4,476,512		Sunago et al.	10-09-1984	ALL	
m		4,695,697		Koss	09-22-1987	ALL	
m		4,708,494		Kleinerman	11-24-1987	↑LL	
on		5,004,913		Kleinerman	04-02-1991	ALL	
du		5,057,099		Rink	10-15-1991	ALL	
200		5,074,632		Potter	12-24-1991	ALL	
dow		5,154,707		Rink et al.	10-13-1992	ALL	
an		5,469,524		Esch et al.	11-21-1995	ALL	
du		5,493,629		Stange	02-20-1996	ALL	
m		5,754,717		Esch	05-19-1998	ALL	
m		5,802,229		Evans et al.	09-01-1998	ALL	
on		5,848,209		Evans et al.	12-08-1998	ALL	
dw		5,875,275		Evans et al.	02-23-1999	ALL	
m		5,908,415		Sinofsky	06-01-1999	ALL.	
7		5,945,667		Bohnert et al.	08-31-1999	*LA	

				FORI	EIGN PATENT DOCUMENTS			
		Foreign	Patent Documer	nt	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Unes, where relevant passages or relevant figures appear	
Examiner Initials	Cite No.'	Office ³	Number ⁴ Kii	ndCode⁵				T°
m		wo	92/17243	A2	Conn et al.	10-115-1992	ALL	
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(use as many sheets as necessary) Sheet 2 of 2

November 25, 2003
Paul Ritchie et al.
Not assigned
Not assigned
END-5122

U.S. PATENT DOCUMENTS U.S. Patent Document Date of Publication Pages, Columns, Lines, Name of Patentee or Applicant Examiner Kind Code² of Cited Document where relevant passages of Cited Document or relevant figures appear (if known) Number mm-dd-yyyy No 08-31-1999 5,946,441 Esch AILL Prohaska 05-29-2001 6,240,225 ALL 04-09-2002 6,370,310 Jin et al. ALL 01-07-2003 Nield et al. 6.503.269 A) 02-18-2003 James, IV et al. 6,522,806 AL 05-13-2003 6,562,028 Nield et al. AL 09-27-2002 Ritchie et al. 2001/0025173 A1 ΑL 06-27-2002 Swayze et al. 2002/0081871 A1 06-26-2003 2003/0118302 A1 Schubert et al.

	 			FOREIG	ON PATENT DOCUMENTS			
Examiner Cite Initials No.1	Foreign Patent Document				Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
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Examiner	Date
Signature	Considered

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